

AMENDMENTS

In the Claims:

Please replace all claims with the following clean set of claims. Claims 5-17 are new.

- 21*
1. An apparatus for use in occluding a body cavity comprising:
a pusher; and
a detachable occlusive implant (fluidly coupled) to the pusher via a lumen in the pusher, said implant detachable from said pusher by fluid pressure delivered via said pusher lumen.
- 22*
2. The apparatus of claim 1 wherein the implant is a coil.
- 23*
3. The apparatus of claim 2 wherein the coil is a platinum coil.
- 24*
4. The apparatus of claim 2 wherein the coil has a length of between about 0.5 to 60 cm.
- 25*
5. (New) An implant delivery assembly for occluding a site in a mammal, said assembly comprising:
an occlusive implant; and
a catheter having a proximal section, a distal section, and a lumen extending therethrough, wherein said implant is detached from the catheter when a fluid is delivered through said lumen.
- 26*
6. (New) The assembly of claim 5 wherein said distal section is radially expandable upon application of fluid pressure to release said implant.
- 27*
7. (New) The assembly of claim 6 wherein said catheter is a tube.

28
8. (New) The assembly of claim 7 wherein said implant is a coil.

29
9. (New) The assembly of claim 6 wherein said implant is a coil.

30
10. (New) The assembly of claim 6 wherein said fluid is not in fluid communication with said implant.

31
11. (New) The assembly of claim 6 wherein said distal section is more flexible than said proximal section.

32
12. (New) The assembly of claim 6 wherein the distal section of said catheter further comprises a radially expanding coupling that releases said implant when the coupling is radially expanded by fluid pressure.

33
13. (New) A method for detaching an occlusive implant into a body cavity comprising the steps of:

i) inserting a catheter having a distal section and having an implant attached to said distal section;

ii) placing the implant at a site to be occluded;

iii) directing a fluid to the distal section through a lumen in said catheter such that the fluid radially expands the distal section to release said implant.

34
14. (New) The method of claim 13 wherein said implant is a coil.

35
15. (New) The method of claim 13 wherein said catheter is a tube.

36
16. (New) The method of claim 13 wherein the distal section of said catheter further comprises a radially expanding coupling that releases said implant when the coupling is radially expanded by fluid pressure.